Instruction for use of "Notification of Compliance Status" Form

General

This form may be used by facilities that operate chromium electroplating and chromium anodizing operations (affected sources) to comply with the notification of compliance status requirements in 6.8.5 of Regulation 1138. The use of this form is optional. However, other means of notification must contain the information required under 6.8.5.2 of Regulation 1138.

Required Submittal Date

The owner or operator shall submit a notification of compliance status to the Department (with copy to the U.S Environmental Protection Agency) by the following dates.

- If an existing, new, or reconstructed affected source is required to conduct a performance test under 6.4.2.1 of Regulation 1138, the notification of compliance status shall be submitted no later than 90 days following the completion of the performance test.

- If an existing affected source is required to conduct a performance test, but the Department approved the use the results of a previous performance test under 6.5.2.1, the notification of compliance status shall be submitted no later than 30 days following the source's compliance date of September 19, 2014.

- If the source is exempted from the need to conduct a performance test under 6.4.2.2 or 6.4.2.3 of Regulation 1138, the notification of compliance status shall be submitted no later than 30 days following the source's compliance date.

    - The compliance date for existing affected sources is September 19, 2014.

    - The compliance date for new or reconstructed affected sources is the initial startup date or [the new Section 6 effective date], whichever is later.

The addresses for this submittal are provided below and in Item 17 of the "Notification of Compliance Status" form.

Items 1

Provide the name of the affected chromium electroplating and chromium anodizing operation.

Items 2

Provide the physical location of the affected chromium electroplating and chromium anodizing operation.

Items 3

Provide the name of the owner or operator of the affected chromium electroplating and chromium anodizing operation identified in Items 1 and 2.

Instruction for use of "Notification of Compliance Status" Form

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Item 4

Identify the types of chromium electroplating and/or chromium anodizing operations that are performed at the facility by checking (X) the applicable boxes provided.

Item 5

Identify the size (small vs. large) of the hard chromium electroplating facility by checking (X) the applicable box provided. The emission limitations for hard chromium electroplating facilities are less stringent for small facilities, if the affected source had an initial startup on or before December 16, 1993.

"Large, hard chromium electroplating facility" means a facility that performs hard chromium electroplating and has a maximum cumulative potential rectifier capacity greater than or equal to 60 million ampere-hours per year (amp-hr/yr).

"Small, hard chromium electroplating facility" means a facility that performs hard chromium electroplating and has a maximum cumulative potential rectifier capacity less than 60 million amp-hr/yr.

"Maximum cumulative potential rectifier capacity" means the summation of the total installed rectifier capacity associated with the hard chromium electroplating tanks at a facility, expressed in amperes, multiplied by the maximum potential operating schedule of 8,400 hours per year and 0.7, which assumes that electrodes are energized 70% of the total operating time. The maximum potential operating schedule is based on operating 24 hours per day, seven days per week, and 50 weeks per year.

Item 6

Identify the affected chromium electroplating and/or anodizing tanks at the facility. The identification include the type of service the tank is in (i.e. hard or decorative electroplating, etc.) and the type of control technique(s) employed to comply with the emission limitation.

	Type of electroplating or anodizing services
HCr – OT	Hard chromium electroplating in an open top tank
HCr – ET	Hard chromium electroplating in an enclosed tank
DCr+6	Decorative chromium electroplating using a chromic acid bath
DCr+3	Decorative chromium electroplating using a trivalent chromium bath
CrA	Chromium anodizing tank

Item 7

Identify each of the chromium emission points at the facility. This identification includes identifying each affected tank that is connected to that emission point and identifying the emission limitation associated with the emission point. The emission limitation could vary for the emission points as follows.

1. If only one affected tank (and no unaffected tanks) is connected to the emission point, the emission limitation would depend on . . .
    - Whether the affected tank is a new or existing source;
    - The type of service that the tank is in (i.e. hard or decorative electroplating; anodizing);
    - If hard electroplating, whether the tank had its initial startup on or before 12/16/93;
    - If hard electroplating with an enclosed tank, whether the owner or operator elected to comply under a emission limitation (mg/dscm) or a maximum allowable mass emission rate (mg/hr).

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Item 7 - Continued

2. If multiple tanks are connected, the emission limitation would be defined as the maximum allowable mass emission rate (mg/hr) under 6.5.5 of this regulation.

3. If the emissions are controlled by the addition of a fume suppressant, the emission limitation would be defined by the maximum allowable surface tension (dynes/cm). The maximum allowable surface tension value will depend on which type of the surface tension measuring system is used; a tensiometer or a stalagmometer.

Item 8

Provide a brief description of the air pollution control technology used for each emission point. In addition, identify the operating parameter(s) (i.e. pressure drop across the device, etc.) and the operating value (4.0 inches of water) or range of values (3.0 to 6.0 inches of water) determined during the performance testing that defines compliant operation.

Item 9

If the owner or operator is using the prescribed methods in Section 6 of Regulation 1138 to determine continuous compliance (i.e. monitoring), indicate so by checking (X) the "YES" box, then skip the rest of Item 9.

If the owner or operator is using alternative methods that were approved by the EPA Administrator or the Department to determine continuous compliance, indicate such by checking (X) the "NO" box; then provide the requested information for each emission point where the alternative methods are used.

Item 10

Indicate by checking (X) the applicable box, when the owner or operator last performed a performance test on the affected tank(s) or whether the affected tank(s) are exempt from the performance testing requirement in accordance with 6.4.2.2 or 6.4.2.3 of Regulation 1138.

Item 11

If the owner or operator is required to conduct a performance test to demonstrate initial compliance, the owner or operator may be able to use the results of a previous performance test in accordance with 6.5.2.1 of Regulation 1138.

If the owner or operator checked "Yes" in Item 10 and the affected tank(s) are subject to performance testing requirement, the owner or operator must answer the questions in Item 11 by checking (X) the appropriate response box for each question.

Instruction for use of "Notification of Compliance Status" Form

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Item 12

Indicate whether the facility has incorporated the housekeeping procedures in Table 6-2 of Regulation 1138 into the operation and maintenance (O&M) plan and has the completed O&M plan available, by checking (X) the appropriate box.

Item 13

The owner or operator shall certify by checking (X) the box that the source has complied with all applicable requirements of Section 6 of Regulation 1138. If the owner or operator certified (e.g. checked the box) that the source has complied with all applicable requirements of Section 16, the owner or operator can skip Item 16 on Page 5.

If the owner or operator is unable to certify that the source has complied with all applicable requirements at the time the notification of compliance status must be submitted, the owner or operator would not check the box in Item 13. Instead, the owner or operator would complete Item 16 on Page 5 of the "Notification of Compliance Status" form and include Page 5 in the submittal.

Item 14

A responsible person, as defined in 3.2 of Regulation 1138, must certify that the statements and information contained in the notification of compliance status are true, accurate, and complete. The responsible person must also sign the "Notification of Compliance Status" form and provide the information requested.

Item 15

Attach the following with the "Notification of Compliance Status" form submittal:

- The performance test results, if a performance test was required to demonstrate initial compliance,
- The records that demonstrate that the facility is "small" hard chromium electroplating facility, refer to Item 5 above, and/or
- The measurements and calculations that demonstrate the compliance determination required under 6.5.5.5 of Regulation 1138, if the owner or operator uses the special compliance provisions in 6.5.5 of Regulation 1138.

Item 16

If the affected chromium electroplating and chromium anodizing operations are not in compliance with the applicable requirements of Section 6 of Regulation 1138 at the time of submitting the notification of compliance status, the owner or operator must provide a complete explanation of the noncompliance, the corrective actions being undertaken to bring the chromium electroplating and chromium anodizing operations into compliance, and the expected date that compliance will be demonstrated. Space for this information is provided in Item 16 on page 5 of the form. The owner or operator should use and attach additional paper, if additional space is needed.

Instruction for use of "Notification of Compliance Status" Form

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Item 17

The owner or operator must submit the completed "Notification of Compliance Status" form to the Department of Natural Resources and Environmental Control (with a copy to the U.S. Environmental Protection Agency) at the addresses provided below and in Item 17 of the form. The owner or operator should keep a copy of the completed form.

Submit the Notification of Compliance Status to the following addresses

Delaware Department of Natural Resources and
Environmental Control
Director of Air Quality
Blue Hen Corporate Center
655 S. Bay Road Suite 5N
Dover, DE 19901

U. S. Environmental Protection Agency
Director, Air Protection Division
1650 Arch Street
Philadelphia, PA 19103

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Notification of Compliance Status

Regulation 1138 – Section 6

Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

Submittal Date: For affected sources required to conduct additional performance test, the notification of compliance status must be submitted no later than 90 days following the completion of the performance test. For affected sources that are not required to conduct additional performance test, the notification of compliance status must be submitted no later than 30 days after the affected source's compliance date, see page 1 of 5 of the instructions.

[1] **Name of the facility:**

[2] **Physical location –** Street Address: _____

City, State, Zip Code : _____

[3] **Name of Owner or Operator:**

[4] **Identify the types of chromium electroplating and anodizing operations performed at the facility by checking (X) ALL applicable boxes below.**

☐ Hard Cr^{+6} Electroplating in Open Tank (HCr - OT) ☐ Hard Cr^{+6} Electroplating in Enclosed Tank (HCr - ET)

☐ Decorative Cr^{+6} Electroplating (DCr+6) ☐ Decorative Cr^{+3} Electroplating (DCr+3) ☐ Cr^{+6} Anodizing (CrA)

[5] **If hard chromium electroplating is performed and the affected source had an initial startup on or before December 16, 1993, identify the size of the hard chromium electroplating operation by checking (X) the applicable box below.**

☐ LARGE Hard Cr^{+6} Electroplating ☐ SMALL Hard Cr^{+6} Electroplating

If the designation of a small facility is based on actual cumulative rectifier capacity, the owner or operator shall submit records to support the small designation with the notification of compliance status, in accordance with 6.8.5.2.8.

[6] **Identify the affected chromium electroplating and anodizing tanks in service.**

Affected Tanks	**Identity of the operations performed in each affected tank by checking (X) the applicable column(s) below**					**Identify the control technique associated with each affected tank by checking (X) the applicable column(s) below**		
	HCr - OT	HCr - ET	DCr+6	DCr+3	CrA	Add-on Control Device	Fume Suppressant	Combination of both
Tank #								
Tank #								
Tank #								
Tank #								

[7] **Identify the chromium emission points at the chromium electroplating or anodizing facility.**

Chromium Emission (EP) Points	**Identify the affected tanks (listed in Item 6) that are connected to each emission point**	**Identify the emission limitation associated with each emission point in either (1) mg total chromium/dscm, (2) mg total chromium/hr, or (3) maximum allowable surface tension, whichever is applicable**		
EP #	Tanks #	mg / dscm	mg / hr	dynes/cm
EP #	Tanks #	mg / dscm	mg / hr	dynes/cm
EP #	Tanks #	mg / dscm	mg / hr	dynes/cm
EP #	Tanks #	mg / dscm	mg / hr	dynes/cm

If specifying maximum allowable surface tension, indicate type of measuring system used by checking (X) the applicable box below.

☐ Tensiometer ☐ Stalagmometer

Notification of Compliance Status

Regulation 1138 – Section 6

Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

[8] **Provide a description of the air pollution control technology used for each emission point identified in Item 7.**

Chromium Emission (EP) Points	**Description of the air pollution control technology, including the specific operating parameter value or range of values that corresponds with compliant operation**	
EP #	Provide brief description of control technique:	
	List operating parameters to be monitored	Compliant operating value or range of values
	•	
	•	
	•	
EP #	Provide brief description of control technique:	
	List operating parameters to be monitored	Compliant operating value or range of values
	•	
	•	
	•	
EP #	Provide brief description of control technique:	
	List operating parameters to be monitored	Compliant operating value or range of values
	•	
	•	
	•	
EP #	Provide brief description of control technique:	
	List operating parameters to be monitored	Compliant operating value or range of values
	•	
	•	
	•	

Notification of Compliance Status

Regulation 1138 – Section 6

Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

Name of the facility:

[9] **Indicate by checking (X) the applicable box as to whether the owner or operator will be using the methods in Section 6 to determine continued compliance.**

☐ **Yes, Section 6 methods will be used** ☐ **No, alternative methods were approved for use**

If the owner or operator checked "No", describe those methods that will be used for determining continuing compliance for each emission point, including a description of the monitoring requirements, the reporting requirements, and the test methods.

Chromium Emission (EP) Points	Description of monitoring requirements, the reporting requirements, and the test methods that will be used to determine continuing compliance
EP #	
EP #	
EP #	
EP #	

Notification of Compliance Status

Regulation 1138 – Section 6

Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

[10] **Was the performance test, upon which the determination of initial compliance was made, conducted after September 19, 2009?**

Check (X) the applicable box below

☐ **Yes**, after 9/19/09 ☐ **No**, before or on 9/19/09 ☐ **No**, affected tank is exempt from testing

[11] **If "Yes" is checked in Item 10 above, the owner or operator shall answer the questions below. If "No" is checked in Item 10, the owner or operator skips Item 11 and proceeds to Item 12.**

Indicate with a check mark (X) the answer to each of the following questions.	Check (X), as appropriate Yes	No
Was the previous performance test conducted within the last 5 years?		
Have any changes been made to either the process or the air pollution control technology since the date of the previous performance test?		
Were the operating conditions during the previous performance test representative of the conditions by which the affected source will be operated on and after September 19, 2014?		
Did the test methods, and test procedures used for the previous performance test conform to the requirements of 6.5.3 and 3.7 of Regulation 1138?		
Was the data used to establish the value or range of values of the process or control system parameters, as specified in 6.4.3 of Regulation 1138, recorded during the previous performance test?		

[12] **Indicate if the owner or operator has completed and has on file the operation and maintenance plan, including the housekeeping procedures, as required in 6.3.6 of Regulation 1138 by checking (X) the appropriate box below.**

☐ **Yes,** O&M Plan is complete and filed ☐ **No,** O&M Plan was not completed and filed

[13] **The owner or operator shall certify compliance with Section 6 of Regulation 1138 by checking (X) the box of the following compliance statement, if appropriate.**

☐ I, the owner or operator, certify that the source has complied with all applicable requirements of Section 6 of Regulation 1138.

If the owner or operator cannot certify compliance with all applicable requirements of Section 6 of Regulation 1138 above, the owner or operator must provide the information needed in Item 16 on Page 5.

[14] **I certify that all the statements and information contained in this notification are true, accurate, and complete.**

Printed Name: _____

Title/Position: _____ Telephone No: _____

Email Address: _____

Signature: _____ Date : _____

[15] **ATTACH the following to this "Notification of Compliance Status" form, if required.**

(1) The performance test results, if a performance test was required.

(2) The records that demonstrate that the facility meets the "small" designation, see Item 5.

(3) The compliance demonstration measurements and calculations as required in 6.5.5.5, if the special compliance provisions of 6.5.5 are used.

Notification of Compliance Status

Regulation 1138 – Section 6

Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

Name of the facility:

[16] **If the owner or operator did not certify initial compliance with all applicable requirements of Section 6 in Item 13, provide a complete explanation of the noncompliance, a description of the corrective actions being taken to achieve compliance, and the expected date for achieving compliant operation.**

[17] **The owner or operator must submit this "Notification of Compliance Status" form with attachments to the following agencies by the submittal date provided on page 1 of this form. Remember to keep a copy of this notification.**

Delaware Department of Natural Resources
and Environmental Control
Director of Air Quality
Blue Hen Corporate Mall
655 S. Bay Road, Suite 5N
Dover, DE 19901

U. S. Environmental Protection Agency
Director, Air Protection Division
1650 Arch Street
Philadelphia, PA 19103